

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informatve Only) Approved
Revision Effective Date: October 4, 2018**

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
STATEWIDE - FHWA																				
S1. Bikeway Improvements at Various Locations, Statewide Enhance	PE1										100	80	20							
	PE2										200	160	40							
	ROW													50	0	50				
	CON																500	400	100	
	<i>Estimated Total Project Cost - \$3,005,000 -- Implementation of State bike projects identified on Bike Plans.</i>																			
S2. Bridge Inspection and Appraisal SysPres	PLN	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	
	<i>Estimated Total Project Cost - \$21,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.</i>																			
S3. Construction Career Days Workforce Development Program Human	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	
	<i>Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.</i>																			
S4. Highway Research and Development Program SysPres	PLN	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	
	<i>Estimated Total Project Cost - \$5,850,000 -- Supplement the Statewide Planning and Research Program.</i>																			
S5. Highway Safety Improvement Program (HSIP), Infrastructure Funding Program Safety	PE1	100	80	20				100	80	20				100	80	20				
	PE2	300	240	60				300	240	60				300	240	60				
	CON				2,000	1,600	400				1,000	800	200				4,000	3,200	800	
	<i>Estimated Total Project Cost - \$3,140,000 -- Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures.</i>																			
S6. Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program Safety	PLN/OPR	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	
	<i>Estimated Total Project Cost - \$15,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.</i>																			
S7. Highway Shoreline Protection, Statewide SysPres	PE1				50	0	50							50	0	50				
	PE2							150	0	150							150	0	150	
	CON	2,000	0	2,000							2,000	0	2,000							
<i>Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.</i>																				
S8. Pedestrian Facilities and ADA Compliance at Various Locations Enhance	PE1							130	104	26										
	PE2							70	56	14										
	CON										1,000	800	200							
<i>Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.</i>																				
S9. Federal Lands Highway Access Discretionary Program Modern	PE/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	
<i>Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.</i>																				

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S10. Safe Routes to School (SRTS) Program, Non-infrastructure Safety Safe Routes to School (SRTS) Program, Infrastructure	PE	85	85	0	85	85	0	85	85	0	85	85	0	85	85	0	85	85	0	SAFE ROUTES TO SCHOOL SAFE ROUTES TO SCHOOL	
	PE/CON	255	255	0	255	255	0	255	255	0	660	660	0	255	255	0	255	255	0		
<i>Estimated Total Project Cost - \$6,450,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.</i>																					
S11. SNIPP - Statewide Noxious Invasive Pest Program Enhance	OPR	3,100	2,480	620	820	656	164													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.</i>																					
S12. Statewide Highway Lighting and Traffic Signal Upgrade Program Safety	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL	
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.</i>																					
S13. Statewide Signing, Striping and Pavement Marking Program SysPres	CON	11,250	9,000	2,250	11,250	9,000	2,250	11,250	9,000	2,250	11,250	9,000	2,250	4,000	3,200	800	5,000	0	5,000	NHPP	
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.</i>																					
S14. Statewide Guardrail and Shoulder Improvement Program SysPres	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL	
	PE-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	
<i>Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.</i>																					
S15. Structural Countermeasures for Scour Critical Bridges, Tier 1 SysPres	PE1	500	400	100																NHPP	
	PE2				500	400	100														
	CON							2,000	1,600	400											
	PE1							750	600	150											
	PE2										750	600	150								
<i>Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.</i>																					
S16. Technology Transfer and Technical Assistance Program Modern	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE	
<i>Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.</i>																					
S17. Traffic Counting Stations, Various Locations Modern	CON				2,500	500	2,000													STP FLEXIBLE	
	ADVCON							0	1,500	(1,500)											
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations on the islands of Hawaii and Maui for traffic data gathering and planning purposes. There will be a separate Oahu phase shown in the Oahu TIP</i>																					
S18. Transportation Alternative Program Enhance	PE/CON	2,100	1,680	420				550	440	110	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	TAP	
	<i>Estimated Total Project Cost - ~\$3.3 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the TAP Project Evaluation and Ranking processes. These funds are totals for the entire state. Appropriate funds will be redirected to the MPOs as projects are identified.</i>																				
STATEWIDE - FHWA TOTAL		51,985	20,545	31,440	49,755	18,821	30,934	47,935	20,285	27,650	51,640	20,350	31,290	42,435	14,425	28,010	44,585	12,105	32,480		

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STATEWIDE - FTA																				
S19. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
<i>Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.</i>																				
S20. State Administration	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
<i>Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.</i>																				
S21. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.</i>																				
S22. Statewide Planning	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
<i>Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies</i>																				
STATEWIDE - FTA TOTAL		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	

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FHWA FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			12,200		12,200		14,000		12,400		8,400		2,800							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT / TAP			1,680		0		440		1,840		1,840		1,840							
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			3,310		1,986		2,490		1,870		830		1,230							
SECTION 1404 - (Safe Routes to School)			340		340		340		745		340		340							
HSIP (Highway Safety Improvement Program)			2,750		4,030		2,750		3,230		2,750		5,630							
NATIONAL RECREATIONAL TRAILS			0		0		0		0		0		0							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
FLAP (Federal Lands Access Program)			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
STSFA GRANTS			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
H-3 DISCRETIONARY			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
SUBTOTAL			20,545		18,821		20,285		20,350		14,425		12,105							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)		(265)		(265)		(265)		(265)		(265)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY			20,280		18,556		20,020		20,085		14,160		11,840							
TOTAL			20,280		18,556		20,020		20,085		14,160		11,840							

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OAHU : STATE - FHWA																					
OS1 SysPres	Bridge and Pavement Improvement Program, Oahu	CON	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	35,400	0	35,400	LOCAL
	Kalihi Street (RTE 63) Resurfacing, Nimitz Hwy to School Street (MP 0 - 1.15)	ADVCON	0	2,000	(2,000)																NHPP
<i>Estimated Total Project Cost - \$212,400,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
OS76 SysPres	Bridge Rehabilitation Program, Various Locations TBD by BRM	PE1						1,120	896	224	300	240	60	1,000	800	200	1,300	1,040	260	NHPP	
		PE2									1,700	1,360	340	1,000	800	200	1,000	800	200		
		ROW									1,000	800	200	1,000	800	200	300	240	60		
		CON									12,000	2,600	9,400	7,500	6,000	1,500	13,700	10,960	2,740		
		ADVCON												0	7,000	(7,000)					
<i>Estimated Total Project Cost - \$41,920,000 -- Rehabilitate bridges.</i>																					
OS77 SysPres	Bridge Replacement Program, Various Locations TBD by BRM	PE1						720	576	144	1,300	1,040	260							NHPP	
		PE2									1,100	880	220	2,300	1,840	460					
		ROW									550	440	110	550	440	110	1,535	1,228	307		
		CON									10,000	4,000	6,000	20,000	16,000	4,000	29,000	23,200	5,800		
		ADVCON												0	4,000	(4,000)					
<i>Estimated Total Project Cost - \$67,055,000 -- Replace bridges.</i>																					
OS78 SysPres	Bridge Seismic Retrofit Program, Various Locations TBD by Seismic Retrofit Management Program	PE1						240	192	48				210	168	42	736	589	147	NHPP	
		PE2									360	288	72				315	252	63		
		CON												3,000	2,400	600					
<i>Estimated Total Project Cost - \$4,861,000 -- Seismic Retrofit of bridges.</i>																					
OS12 SysPres	Destination Sign, Upgrade/Replacement	ADVCON	0	1,000	(1,000)																NHPP
		CON				7,000	5,600	1,400													
		PE1							550	440	110										
		PE2										800	640	160							
		CON												10,000	6,000	4,000					
		ADVCON															0	2,000	(2,000)		
		PE1										300	270	30	450	405	45				
PE2																					
<i>Estimated Total Project Cost - \$29,000,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2, H-201 and Pali Highway.</i>																					
OS2 SysPres	Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge	ROW	603	482	121																NHPP
		CON				8,490	792	7,698													
		ADVCON							0	6,000	(6,000)										
<i>Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.</i>																					
OS4 SysPres	Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A	CON				22,200	760	21,440													NHPP
		ADVCON							0	5,000	(5,000)	0	12,000	(12,000)							
<i>Estimated Total Project Cost - \$25,200,000 -- Replace two timber bridges in the vicinity of Makaha Beach Park. For both bridges, the scope includes widening the paved shoulders on the makai side from 3 feet to 10 feet; and, widening the mauka side from 1 foot to 10 feet. This is to accommodate bicyclists and pedestrians.</i>																					
OS69 Safety	Farrington Highway (Route 93), Safety Improvements, H-1 Freeway to Pohakunui Avenue	CON				2,250	25	2,225													HSIP
		ADVCON							0	2,000	(2,000)										
<i>Estimated Total Project Cost - \$2,500,000 -- Scope includes, but is not limited to: installation of milled rumble strips or rumble edge stripes on shoulders/median; installation of milled rumble strips on centerline; widen shoulders where possible; speed feedback sign; concrete median barrier at U-turn; pavement markings; signing.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
OS5 Congest Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78)																				NHPP			
	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A	ADVCON	0	4,960	(4,960)	0	3,000	(3,000)															
	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3	PE2 CON ADVCON				740	592	148				10,302	4,000	6,302									
	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 4	PE1 PE2 CON ADVCON							800	640	160			1,200	960	240				20,000	8,000	12,000	
	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 5	PE1 PE2													200	180	20			300	270	30	
<i>Estimated Total Project Cost - \$200,000,000 -- The program consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This program will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.</i>																							
OS57 Congest Freeway Management System, Joint Traffic Management Center Operations (State)	OPR	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	350	280	70	NHPP
	<i>Estimated Total Project Cost - \$2,100,000 -- These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.</i>																						
OS9 Congest Freeway Service Patrol	OPR	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP
	<i>Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.</i>																						
OS10 Safety Guardrail and Shoulder Improvements, Various Locations	PE1	177	0	177																		HSIP	
	PE2				100	0	100																
	CON							2,000	1,600	400													
	PE1							170	0	170													
	PE2													100	0	100							
CON														2,000	1,600	400							
<i>Estimated Total Project Cost - \$4,547,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.</i>																							
OS11 Congest ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
	<i>Estimated Total Project Cost - \$1,710,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.</i>																						
OS59 Modern Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange	PE2				1,500	1,200	300																NHPP
	ROW										500	400	100										
	<i>Estimated Total Project Cost - \$90,000,000 -- Capacity/Congestion improvements through the most well travelled section of the primary urban corridor. Improvements could include adding an additional through lane and/or improving ramps, shoulders and geometrics.</i>																						
OS14 Safety Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	CON	11,500	500	11,000																			NHPP
	ADVCON				0	3,700	(3,700)	0	5,000	(5,000)													
<i>Estimated Total Project Cost - \$12,500,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Upgrade lighting and make bike improvements near the beginning of the H-1 on ramp in the vicinity of Ainakoa Avenue to fill a gap in the bike system.</i>																							
OS16 SysPres Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	ADVCON	0	2,857	(2,857)	0	3,000	(3,000)															NHPP	
	<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																						

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OS67 SysPres Interstate Route H-1, Reconstruction and Repair, Eastbound, Waimalu Interchange to Halawa	ADVCON	0	24,000	(24,000)	0	12,000	(12,000)	0	9,000	(9,000)									NHPP	
	<i>Estimated Total Project Cost - \$93,000,000 -- Rehabilitate or Reconstruct Portland Concrete pavement. Widen to improve shoulders and travelway.</i>																			
OS20 Safety Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalaili IC) to Waiawa Overpass	ADVCON	0	3,000	(3,000)															HSIP	
	<i>Estimated Total Project Cost - \$9,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																			
OS74 SysPres Interstate Route H-1, Seismic Retrofit, McCully Street Separation	PE1										286	229	57						NHPP	
	PE2													429	343	86				
	CON																2,440	1,952	488	
	ADVCON																			
<i>Estimated Total Project Cost - \$3,155,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS70 SysPres Interstate Route H-1, Seismic Retrofit, Waialae Viaduct	PE1							664	531	133									NHPP	
	PE2																			
	CON										1,000	800	200							
	ADVCON													6,100	1,880	4,220	0	3,000	(3,000)	
<i>Estimated Total Project Cost - \$7,764,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS22 SysPres Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3	PE1	600	480	120															NHPP	
	PE2	600	480	120																
	CON							6,500	200	6,300										
	ADVCON										0	3,000	(3,000)	0	2,000	(2,000)				
<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																				
OS26 SysPres Kalaniana'ole Highway (Route 72) Resurfacing, Poalima Street to Huli Street	CON	4,250	1,400	2,850															NHPP	
	CON	2,750	2,200	550															EARMARK - HIGH PRIORITY	
	ADVCON				0	2,000	(2,000)												NHPP	
<i>Estimated Total Project Cost - \$7,500,000 -- Roadway resurfacing of Kalaniana'ole Highway from Poalima Street to Huli Street.</i>																				
OS28 SysPres Kamehameha Highway (Route 83), Bridge Replacement, Kaipapau Stream Bridge	CON				17,800	2,000	15,800												NHPP	
	ADVCON							0	4,240	(4,240)	0	3,000	(3,000)	0	5,000	(5,000)				
<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																				
OS29 SysPres Kamehameha Highway (Route 83), Bridge Replacement, Kaluanui Stream Bridge	CON	9,200	360	8,840															NHPP	
	ADVCON				0	2,000	(2,000)	0	5,000	(5,000)										
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																				
OS31 SysPres Kamehameha Highway (Route 83), Bridge Replacement, Laieloa Stream Bridge	CON				9,800	840	8,960												NHPP	
	ADVCON							0	1,000	(1,000)	0	3,000	(3,000)	0	3,000	(3,000)				
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS71 SysPres Kamehameha Highway (Route 83), Bridge Rehabilitation, Paumalu Bridge	PE1							1,000	800	200										NHPP
	PE2										400	320	80							
	ROW													560	448	112				
	CON																10,000	4,000	6,000	
	<i>Estimated Total Project Cost - \$11,960,000 -- Rehabilitate the existing bridge.</i>																			
OS32 SysPres Kamehameha Highway (Route 83), Bridge Replacement, South Kahana Stream Bridge	CON	35,000	600	34,400																NHPP
	ADVCON				0	10,000	(10,000)	0	5,600	(5,600)	0	11,800	(11,800)							
	<i>Estimated Total Project Cost - \$37,000,000 -- Replace the existing bridge.</i>																			
OS34 SysPres Kamehameha Highway (Route 83), Bridge Replacement, Waiahole Bridge	ROW	585	468	117																NHPP
	CON				15,000	1,000	14,000													
	ADVCON							0	6,500	(6,500)	0	4,500	(4,500)							
<i>Estimated Total Project Cost - \$17,300,000 - replace the existing bridge</i>																				
OS72 SysPres Kamehameha Highway (Route 83), Bridge Replacement, Waimanana Bridge	PE1							650	520	130										NHPP
	PE2										930	744	186							
	ROW													740	592	148				
	CON																9,200	7,360	1,840	
	<i>Estimated Total Project Cost - \$11,520,000 -- Replace the existing bridge.</i>																			
OS36 SysPres Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge	ROW	1,030	824	206																NHPP
	CON							9,700	760	8,940										
	ADVCON										0	5,000	(5,000)	0	2,000	(2,000)				
<i>Estimated Total Project Cost - \$11,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.</i>																				
OS61 SysPres Kamehameha Highway (Route 83) Realignment, Vicinity of Kawailoa Beach	ADVCON	0	220	(220)																NHPP
	PREROW				0	2,000	(2,000)													
	ROW				50	40	10				1,000	800	200							
	<i>Estimated Total Project Cost - \$39,000,000 -- Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.</i>																			
OS75 Safety Kamehameha Highway (Route 83) Rockfall Protection, Waimea Bay	PE2				900	720	180													NHPP
	PREROW							50	40	10										
	ROW										500	400	100							
	CON										10,000	2,000	8,000							
	ADVCON													0	6,000	(6,000)				
<i>Estimated Total Project Cost - \$19,450,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).</i>																				
OS41 Enhance Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond	CON	6,600	280	6,320																NHPP
	ADVCON				0	4,000	(4,000)	0	1,000	(1,000)										
<i>Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.</i>																				
OS43 Enhance Leeward Bikeway - Philippine Sea Road to Waipahu Depot Street	ADVCON	0	5,388	(5,388)	0	2,000	(2,000)													ENHANCEMENT
	<i>Estimated Total Project Cost - \$11,000,000 -- Improve/build bikeway/bike path from Phillipine Sea Road to Waipahu Depot Street.</i>																			
OS73 Safety Likelike Highway (Route 63), Safety Improvements, Emmeline Place to Kahekili Highway	CON							2,700	430	2,270										HSIP
	ADVCON										0	2,000	(2,000)							
<i>Estimated Total Project Cost - \$3,000,000 -- Scope includes, but is not limited to: installation of milled rumble strips or rumble edge stripes on shoulders where possible; high friction surface treatment; speed feedback sign; guardrail end treatment; in-lane pavement markers; LED speed limit signs and chevrons; widen paved shoulders where possible; pavement markings; signing.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS46 SysPres Moanalua Freeway (Route H-201), Highway Lighting Improvements, MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	ADVCON	0	2,000	(2,000)															NHPP	
	<i>Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).</i>																			
OS45 SysPres Moanalua Freeway (Route H-201), Highway Lighting Improvements, MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	ADVCON	0	5,500	(5,500)															NHPP	
	<i>Estimated Total Project Cost - \$13,000,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).</i>																			
OS44 Safety Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements, Phase 2	CON				10,000	100	9,900												NHPP	
	ADVCON							0	4,000	(4,000)	0	3,900	(3,900)							
<i>Estimated Total Project Cost - \$11,000,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.</i>																				
OS62 SysPres Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) to Kamehameha Highway (Route 83)	ADVCON	0	11,000	(11,000)	0	10,000	(10,000)												NHPP	
	<i>Estimated Total Project Cost -- \$96,000,000 -- Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.</i>																			
OS49 Enhance Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
	<i>Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.</i>																			
OS52 Safety Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	CON	5,200	4,160	1,040															NHPP	
	<i>Estimated Total Project Cost - \$9,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.</i>																			
OS79 Safety Shoreline Protection/Mitigation Program, Various Locations on Oahu	ROW				500	400	100				500	400	100						NHPP	
	CON				2,000	1,600	400				2,000	1,600	400							
	PE1							2,000	600	1,400										
	ADVCON(PE)										0	1,000	(1,000)							
	PE2										4,000	3,200	800							
	CON													2,000	1,600	400				
OS63 Modern Traffic Counting Stations, Various Locations	CON				2,575	60	2,515												STP FLEXIBLE	
	ADVCON							0	2,000	(2,000)										
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.</i>																				
OAHU : STATE - FHWA TOTAL		135,989	79,531	56,458	140,799	79,401	61,398	79,060	79,537	(477)	90,720	78,025	12,695	98,933	78,268	20,665	152,720	82,263	70,457	

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OAHU : STATE - FTA																				
OS50. Human Transportation Assistance for Elderly and Disabled	EQP	544	435	109	560	448	112	576	461	115	594	475	119	613	490	123	632	505	127	FTA SECTION 5310
<i>Estimated Total Project Cost - \$3,519,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses-for the program audience.</i>																				
OS68. Transit HDOT State Safety Oversight Program	OPR	290	232	58	299	239	60	307	246	61	316	253	63	326	261	65	336	269	67	FTA SECTION 5329
<i>Estimated Total Project Cost - \$1,874,000 -- This funding will provide operational resources for the HDOT State Safety Oversight Program administered by the HDOT Rail Transit Safety Office and will implement 49 CFR Part 674 State Safety Oversight Final Rule.</i>																				
OAHU : STATE - FTA TOTAL		834	667	167	859	687	172	883	707	176	910	728	182	939	751	188	968	774	194	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Alapai Transportation Management Center Safety	DES	500	0	500																STP FLEXIBLE	
	INSP	1,500	0	1,500																STP FLEXIBLE	
	EQP	250	200	50	250	200	50														
	OPR	500	400	100	500	400	100	463	370	93	475	380	95	488	390	98	375	300	75		
																	500	400	100		
<i>Estimated Total Project Cost - \$97,813,000 -- The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The communications center will hold City, State & emergency response agencies.</i>																					
OC2. Bikeway Improvements Program Enhance	Bikeway Improvements Program, Kailua-Lanikai Bike Path																			STP FLEXIBLE	
	ROW	1	0	1																	
	PE1	300	240	60																	
	PE2				125	100	25														
	Bikeway Improvements Program, Sunset Bike Path Improvements																				
	ROW	1	0	1																	
	PE1	300	240	60																	
	PE2				125	100	25														
	Bikeway Improvements Program, Waipahu Depot Shared Use Path																				
	ROW				1	0	1														
CON				1,000	800	200															
Bikeway Improvements Program, TBD - DES 2020																					
PE1				300	240	60															
PE2							125	100	25												
Bikeway Improvements Program, TBD - DES 2021																					
PE1							300	240	60												
<i>Estimated Total Project Cost - \$2,578,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.</i>																					
OC3. Bridge Inspection, Inventory, and Appraisal SysPres	DES	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM	
	<i>Estimated Total Project Cost - \$4,000,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.</i>																				
OC4. Computerized Traffic Control System Congest	Computerized Traffic Control System, Phase 15 - Nanakuli																			STP FLEXIBLE	
	PE2	250	200	50																	
	CON				3,800	3,000	800														
	EQP				100	0	100														
	Computerized Traffic Control System, Phase 16 - Waianae																				
	PE1	250	200	50																	
	PE2				315	250	65														
	CON							3,800	3,000	800											
	EQP							100	0	100											
	Computerized Traffic Control System, Phase 17 - TBD																				
PE1							315	250	65				190	150	40						
CON													3,800	3,000	800						
EQP													100	0	100						
<i>Estimated Total Project Cost - \$9,120,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.</i>																					
OC27. Farrington Highway (Routes 7100 and 9107) Improvements Modern	ROW				15,000	0	15,000	15,000	0	15,000										LOCAL	
	PE1	50	0	50																	
	PE2	3,950	0	3,950	1,000	0	1,000	1,000	0	1,000											
	CON										26,000	0	26,000	53,000	0	53,000	19,000	0	19,000		
<i>Estimated Total Project Cost - \$142,050,000 -- Construct Improvements to enhance sub-regional roadway connectivity and mobility, increase capacity and accommodate multi-modal transportation options, from Kapolei Golf Course Road to west of Fort Weaver Road. The project might be constructed in phases.</i>																					
OC29 Federal Lands Access Program (FLAP) Enhance	Federal Lands Access Program (FLAP), Pearl Harbor Multimodal Connection Alternatives: Phase II																			FEDERAL LANDS ACCESS PROGRAM	
	PE2	733	586	147																	
	CON				6,033	4,826	1,207														
<i>Estimated Total Project Cost - \$6,766,000 -- FLAP was established to improve transportation facilities that provide access to, are adjacent to, or are located within Federal lands. The Access Program supplements State and local resources for public roads, transit systems, and other transportation facilities, with an emphasis on high-use recreation sited an economic generators.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
OC28. Safe Routes to School Program (SRTS) Enhance Safe Routes to School Program (SRTS), Kailua Bike Boulevard																			SAFE ROUTES TO SCHOOL	
	PE2				25	25	0													
	CON												300	300	0					
	INSP												70	70	0					
<i>Estimated Total Project Cost - \$500,000 -- SRTS has the following goals: enable and encourage children, including those with disabilities, to walk and bicycle to school; make bicycling and walking to school a safer and more appealing transportation alternative, thereby encouraging a healthy and active lifestyle from an early age; and facilitate the planning, development, and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.</i>																				
OC23. Salt Lake Boulevard Widening, Phase 3 Modern	ROW	100	0	100															STP FLEXIBLE	
	PE2	10	0	10																
	CON				35,165	3,625	31,540	43,805	7,170	36,635										
	INSP				9,000	0	9,000													
<i>Estimated Total Project Cost - \$87,280,000 -- To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Liikoi Streets.</i>																				
OC8. Traffic Improvements at Various Locations Safety	Traffic Improvements at Various Locations, Kalaheo Avenue/Kailua Road	ROW	106	85	21														STP FLEXIBLE	
		CON	1,590	1,272	318															
		INSP	265	212	53															
	Traffic Improvements at Various Locations, Mahoe and Waipahu Streets	CON				2,500	2,000	500												
	Traffic Improvements at Various Locations, Kailua Road/Wanaao Road Intersection Improvements	PE1	300	240	60															
		PE2				125	100	25												
		CON								1,250	1,000	250								
	Traffic Improvements at Various Locations, Kalakaua Shared Use Crossing	PE1	200	160	40															
		PE2				125	100	25												
		CON								1,250	1,000	250								
	Traffic Improvements at Various Locations, Manager's Drive/ Hiapa Street Intersection Improvements	PE1				400	320	80												
		PE2				125	100	25												
		CON								2,500	2,000	500								
	Traffic Improvements at Various Locations, TBD - DES 2021	PE1							400	320	80									
		PE2								125	100	25								
	CON								1,250	1,000	250									
Traffic Improvements at Various Locations, TBD - DES 2022	PE1								400	320	80									
<i>Estimated Total Project Cost - \$9,161,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Kalaheo Avenue/Kailua Road, Mahoe and Waipahu Streets, Kailua Road/Wanaao Road intersection improvements, Kalakaua shared use crossing, and Manager's Drive/Hiapa Street intersection improvements.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Traffic Signals at Various Locations Congest																				STP FLEXIBLE
	Traffic Signals at Various Locations, Phase 18 - Renton Rd/Pahika St, Kapiolani Blvd at Pumehana St (Rapid Flashing Beacons), School St/Houghtailing St, Kapiolani Blvd/Atkinson Dr, Kapiolani Blvd/Kalakaua Ave, Moanalua Rd/Hoomalu St	CON	3,750	3,000	750															
		EQP	1	0	1															
	Traffic Signals at Various Locations, Phase 19 - Waiialae Avenue at 16th Avenue, Moanalua Road at Ualo Street	PE2	250	200	50															
		CON				4,375	3,500	875												
		EQP				4	0	4												
	Traffic Signals at Various Locations, Phase 20 - King St/Punahou St, Makuahine/Hala Dr, Hawaii Kai Dr/Kalalea St, Kamehameha Hwy/Waikalua Rd, Ward Ave/Lunalilo, Kapahulu Interconnect	PE1	250	200	50															
		PE2				315	250	65												
		CON							3,750	3,000	750									
		EQP							1	0	1									
	Traffic Signals at Various Locations, Phase 21 - Meheula Pkwy/Ainamakua Dr (Audio Ped), Kapiolani Blvd/Ward Ave, Kapiolani Blvd/McCully St	PE1				319	255	64												
		PE2							250	200	50									
		CON										3,750	3,000	750						
		EQP										1	0	1						
	Traffic Signals at Various Locations, Phase 22 - TBD	PE1							315	250	65									
	PE2										375	300	75							
	CON													3,750	3,000	750				
	EQP													1	0	1				
Traffic Signals at Various Locations, Phase 23 - TBD	PE1										315	250	65							
	PE2													425	350	75				
	CON																3,750	3,000	750	
	EQP																1	0	1	
Traffic Signals at Various Locations, Phase 24 - TBD	PE1													315	250	65				
	PE2																375	300	75	
Traffic Signals at Various Locations, Phase 25 - TBD	PE1																315	250	65	
<i>Estimated Total Project Cost - \$18,021,000 -- Install and upgrade traffic signals islandwide including ADA improvements, signs and markings, and interties.</i>																				
OC25. Transportation Alternatives Program (MPO) at Various Locations Enhance	Transportation Alternatives Program (MPO) at Various Locations, 1 - HART Secure Bike Storage Units (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON				500	400	100												TAP-U FTA \$5307/\$5340
	Transportation Alternatives Program (MPO) at Various Locations, 2 - HART Middle Loch Connector (FHWA to FTA Flex Funds: Estimated Total Project Cost - \$500,000)	CON	375	300	75														FTA \$5307/\$5340	
	Transportation Alternatives Program (MPO) at Various Locations, 3 - Ala Wai Bridge Project (Estimated Total Project Cost - \$6,000,000)	PE1	1,500	1,200	300															TAP-U
		PE2	1,100	880	220															TAP-U
		CON	8,589	6,871	1,718															STP FLEXIBLE
Transportation Alternatives Program (MPO) at Various Locations, 6 - TBD (Estimated Total Project Cost - \$4,389,000)	CON				1,000	800	200												TAP-U	
<i>Estimated Total Project Cost - \$12,189,000 -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OC26. Transportation Alternative Program (State) Enhance	Transportation Alternative Program (State), Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flexed Funds)	PE2/CON	50	40	10	200	160	40											FTA \$5307/\$5340	
	Transportation Alternative Program (State), Phase 3 - Haleiwa Road Multi-Use Path	PE2				200	160	40											TAP	
		CON							1,000	800	200								STP FLEXIBLE	
		INSP							500	400	100								STP FLEXIBLE	
<i>Estimated Total Project Cost - Combined with the statewide portion, ~\$2.4 million/year -- The Transportation Alternative Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
OAHU : C&C OF HONOLULU - FHWA SUBTOTAL			16,407	8,235	8,172	81,877	20,866	61,011	70,749	15,800	54,949	35,131	7,300	27,831	65,379	9,790	55,589	26,566	6,050	20,516
OAHU : C&C OF HONOLULU / SRTS - FHWA TOTAL			0	0	0	25	25	0	0	0	0	0	0	0	370	370	0	0	0	0
OAHU : C&C OF HONOLULU / TAP - FHWA TOTAL			11,189	8,951	2,238	1,200	960	240	1,500	1,200	300	0	0	0	0	0	0	0	0	0
OAHU : C&C OF HONOLULU - FHWA TOTAL			27,596	17,186	10,410	83,102	21,851	61,251	72,249	17,000	55,249	35,131	7,300	27,831	65,749	10,160	55,589	26,566	6,050	20,516

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CITY & COUNTY OF HONOLULU - FTA																					
OC13. Transit	Bus and Handi-Van Acquisition Program																				
	Bus and Handi-Van Acquisition Program, FY2019: 30<30' buses + 18-40' buses + 28-60' buses	EQP	25,718	20,570	5,148														FTA \$5307/\$5340		
		EQP	2,539	1,979	560														FTA \$5337		
		EQP	12,066	9,217	2,849														FTA \$5339		
		EQP	1,150	920	230														FTA \$5310		
		INSP	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	49	39	10	
		DES	642	513	129														FTA \$5339		
	Bus and Handi-Van Acquisition Program, FY2020: 30<30' buses + 10-40' buses + 10-60' buses	EQP				9,678	7,742	1,936												FTA \$5307/\$5340	
		EQP				3,698	2,958	740												FTA \$5339	
		EQP				392	314	78												FTA \$5310	
		EQP				2,142	1,713	429												FTA \$5337	
	Bus and Handi-Van Acquisition Program, FY2021: 30<30' buses + 10-40' buses + 10-60' buses	EQP							15,630	8,232	7,398									FTA \$5307/\$5340	
		EQP							1,814	1,451	363									FTA \$5337	
		EQP							3,772	3,018	754									FTA \$5339	
		EQP							402	321	81									FTA \$5310	
	Bus and Handi-Van Acquisition Program, FY2022: 30<30' buses + 10-40' buses + 10-60' buses	EQP							16,364	8,818	7,546									FTA \$5307/\$5340	
		EQP							1,850	1,480	370									FTA \$5337	
		EQP							3,848	3,078	770									FTA \$5339	
		EQP							417	334	83									FTA \$5310	
	Bus and Handi-Van Acquisition Program, FY2023: TBD	EQP										16,691	8,994	7,697						FTA \$5307/\$5340	
		EQP										1,888	1,510	378						FTA \$5337	
		EQP										3,925	3,140	785						FTA \$5339	
		EQP										426	341	85						FTA \$5310	
	Bus and Handi-Van Acquisition Program, FY2024: TBD	EQP													17,025	9,174	7,851			FTA \$5307/\$5340	
		EQP													1,925	1,540	385			FTA \$5337	
		EQP													4,003	3,202	801			FTA \$5339	
		EQP													434	347	87			FTA \$5310	
	<i>Estimated Total Project Cost - \$102,318,000 -- Purchase replacement transit buses and handi-van vehicles.</i>																				
OC24. Transit	Capital Training	OPR	26	21	5	28	22	6	28	22	6	29	23	6	30	24	6	30	24	6	FTA \$5307/\$5340
	<i>Estimated Project Cost - \$111,000 -- Department of Transportation Services staff attendance at training workshops offered by the National Transit Institute.</i>																				
OC16. Transit	Honolulu Rail Transit Project																				
	Honolulu Rail Transit Project, \$5309 New Starts	HRTPT	833,333	250,000	583,333	833,333	250,000	583,333	480,035	144,010	336,025									FTA \$5309	
	Honolulu Rail Transit Project, FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64)	HRTPT	6,150	5,000	1,150															FTA \$5307/ \$5340	
	Honolulu Rail Transit Project, FHWA to FTA Flex Funds: Transportation Alternatives Program (OC25 and OC26)	HRTPT	425	340	85	700	560	140												FTA \$5307/ \$5340	
	<i>Estimated Total Project Cost - \$8,165,000,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.</i>																				
OC20. Transit	Preventive Maintenance	OPR	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	26,250	21,000	5,250	FTA \$5307/\$5340
	<i>Estimated Total Project Cost - \$105,000,000 -- Preventive maintenance of FTA-funded rolling stock (buses and Handi-Vans) to include parts, labor, and other related expenses.</i>																				
OC21. Transit	Transit Safety and Security Projects	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
		DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
		CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
		EQP	355	284	71	364	291	73	370	296	74	377	301	76	378	302	76	382	305	77	FTA \$5307/\$5340
	<i>Estimated Total Project Cost - \$1,478,000 -- Capital improvement projects at various locations will provide safety and security aboard transit vehicles, and at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.</i>																				
	OAHU : C&C OF HONOLULU DTS - FTA TOTAL		68,798	54,543	14,255	42,604	34,079	8,525	48,318	34,379	13,939	49,187	35,073	14,114	49,640	35,350	14,290	50,101	35,631	14,470	
	OAHU : C&C OF HONOLULU HART - FTA TOTAL		839,908	255,340	584,568	834,033	250,560	583,473	480,035	144,010	336,025	0	0	0	0	0	0	0	0	0	
	OAHU : C&C OF HONOLULU - FTA TOTAL		908,706	309,883	598,823	876,637	284,639	591,998	528,353	178,389	349,964	49,187	35,073	14,114	49,640	35,350	14,290	50,101	35,631	14,470	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA FUNDING CATEGORY SUMMARY - OAHU																				
NHPP (National Highway Performance Program)			68,656		77,029		73,220		75,738		76,381		81,976							
BRIDGE OFF-SYSTEM			800		800		800		800		800		800							
STP ENHANCEMENT / TAP			7,468		2,960		0		0		0		0							
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			13,720		15,300		18,200		6,500		8,990		5,250							
SECTION 1404 - (Safe Routes to School)			0		25		0		0		370		0							
HSIP (Highway Safety Improvement Program)			3,000		25		4,030		2,000		1,600		0							
NATIONAL RECREATIONAL TRAILS			287		287		287		287		287		287							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
FLAP (Federal Lands Access Program)			586		4,826		0		0		0		0							
EARMARK - HIGH PRIORITY			2,200		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
	SUBTOTAL		96,717		101,252		96,537		85,325		88,428		88,313							
	LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		(2,786)		(4,826)		0		0		0		0							
	LESS FTA TRANSFER FUNDS		0		0		0		0		0		0							
	REGULAR FORMULA AUTHORITY	TOTAL	93,931		96,426		96,537		85,325		88,428		88,313							

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FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) Approved
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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HAWAII - STATE - FHWA																				
HS1. Bridge and Pavement Improvement Program, Hawaii <i>SysPres</i>	CON	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$98,300,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																				
HS2. Daniel K. Inouye Highway (RTE 200) Extension, Mamalahoa Hwy (RTE 190) to Queen Kaahumanu Hwy (RTE 19) <i>Modern</i>	PREROW							500	400	100										STP FLEXIBLE
	ROW													8,500	6,800	1,700				
	PE2	8,000	400	7,600																
	ADVCON (PE2)				0	2,000	(2,000)	0	2,000	(2,000)	0	2,000	(2,000)							
<i>Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.</i>																				
HS3. Guardrail and Shoulder Improvements, Various Locations <i>Safety</i>	PE1													100	0	100				STP FLEXIBLE
	PE2													100	0	100				
	CON																1,400	1,120	280	
<i>Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.</i>																				
HS20. Hawaii Belt Road (RTE 19), Bridge Rehabilitation/Replacement, Hakalau Bridge <i>SysPres</i>	PE1							1,200	960	240										NHPP
	PE2										800	640	160							
	ROW													500	400	100				
	CON																35,000	15,000	20,000	
<i>Estimated Total Project Cost - \$37,500,000 -- Rehabilitate or replace existing bridge.</i>																				
HS4. Hawaii Belt Road (RTE 19), Bridge Replacement, Kolekole Stream Bridge <i>SysPres</i>	PE1				1,500	1,200	300													NHPP
	PE2							1,000	800	200										
	ROW										500	400	100							
	CON													15,000	6,000	9,000				
	ADVCON																0	6,000	(6,000)	
<i>Estimated Total Project Cost - \$18,000,000 -- Rehabilitate or replace existing bridge.</i>																				
HS5. Hawaii Belt Road (RTE 19), Bridge Replacement, Waiuku Bridge <i>SysPres</i>	PE1	1,500	1,200	300																NHPP
	PE2				1,000	800	200													
	ROW							500	400	100										
	CON										25,000	12,000	13,000							
	ADVCON													0	8,000	(8,000)				
<i>Estimated Total Project Cost - \$30,000,000 -- Rehabilitate or replace existing bridge.</i>																				
HS6. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge <i>Safety</i>	ADVCON	0	1,000	(1,000)	0	3,000	(3,000)													NHPP
<i>Estimated Total Project Cost - \$5,600,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge to East Paaulo Bridge and Vicinity of Kalopa Bridge.</i>																				
HS7. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge <i>Safety</i>	CON				1,560	1,248	312													NHPP
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge.</i>																				
HS8. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge <i>Safety</i>	CON	1,560	248	1,312																NHPP
	ADVCON				0	1,000	(1,000)													
<i>Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.</i>																				
HS9. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaawali Gulch to Kuwaikahi Bridge <i>Safety</i>	CON										1,400	1,120	280							NHPP
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaawali Gulch to Kuwaikahi Bridge.</i>																				
HS10. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kaula Bridge Towards Kaawali Gulch <i>Safety</i>	CON							1,400	1,120	280										NHPP
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kaula Bridge towards Kaawali Gulch.</i>																				
HS11. Hawaii Belt Road (RTE 19), Guardrail and Shoulder Improvements, Kuwaikahi Bridge to Kaaluu Bridge <i>Safety</i>	CON													1,400	1,120	280				NHPP
<i>Estimated Total Project Cost - \$1,600,000 -- Improve guardrail and shoulders from Kuwaikahi Bridge to Kaaluu Bridge.</i>																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																	
HS12. Hawaii Belt Road (RTE 19), Seismic Retrofit, Kaholo Bridge SysPres	PE1	500	400	100																NHPP	
	PE2				500	400	100														
	CON							2,000	400	1,600											
	ADVCON										0	1,200	(1,200)								
<i>Estimated Total Project Cost - \$7,800,000 -- Retrofit interchange structures to meet current seismic standards.</i>																					
HS13. Kawaihae Road (RTE 19), Waiakea Stream Bridge Replacement and Realignment of Approaches SysPres	PREROW				50	40	10													NHPP	
	ROW							2,950	2,360	590											
	CON										12,000	6,600	5,400								
	ADVCON													0	3,000	(3,000)					
<i>Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiakea Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.</i>																					
HS14. Keaau-Pahoa Road (RTE 130) Improvements, Keaau Bypass to Pahoa-Kapoho Road Modern	ROW	2,020	1,616	404																STP FLEXIBLE	
	<i>Estimated Total Project Cost - \$140,000,000 -- Improve traffic circulation and safety along Route 130.</i>																				
HS15. Kohala Mountain Road (RTE 250), Safety Improvements, MP 7.2 to MP 9.2, Phase 2 Safety	ROW	360	324	36																HSIP	
	CON				3,300	970	2,330														
	ADVCON							0	2,000	(2,000)											
<i>Estimated Total Project Cost - \$3,660,000 -- Scope includes, but is not limited to: Continuation of 2017 project to address recommended superelevation treatments along entire segment</i>																					
HS16. Mamalahoa Highway (RTE 11), Guardrail and Shoulder Improvements and Realignment, Naalehu to Honuapo Safety	CON				6,000	800	5,200													NHPP	
	ADVCON							0	2,000	(2,000)	0	2,000	(2,000)								
<i>Estimated Total Project Cost - \$7,000,000 -- Remove and replace deteriorated guardrail; realign the highway toward the mauka side of the road; reconstruct weakened pavement areas and repave existing roadway; install pavement markings; and replace signs.</i>																					
HS17. Mamalahoa Highway (RTE 190), Safety Improvements, MP 17.9-20.8 and MP 21.3-26.2 Safety	CON							1,000	900	100										HSIP	
	<i>Estimated Total Project Cost - \$1,100,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge stripes on shoulders where possible; installation of guardrails where possible at drop-offs; widen shoulders where possible; pavement markings; and signing.</i>																				
HS18. Mamalahoa Highway (RTE 11), Safety Improvements, MP 98.7-105.3 Safety	CON							1,000	900	100										HSIP	
	<i>Estimated Total Project Cost - \$1,100,000 -- Scope includes, but is not limited to: Milled rumble strips on centerline; Milled rumble strips /rumble edge stripes on shoulders, and widen shoulders, where possible; drainage improvements; installation of in-lane rumble strips, RM-5 markers in existing guardrails, and flashing bacon where appropriate; guardrail or alternative where needed.</i>																				
HS19. National Recreational Trails Program - Hawaii (DLNR) Enhance	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)	
	<i>Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.</i>																				
HAWAII : STATE - FHWA TOTAL		26,314	5,487	20,827	26,284	11,757	14,527	23,924	14,539	9,385	52,074	26,259	25,815	37,974	25,619	12,355	48,774	22,419	26,355		

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF HAWAII - FHWA																				
HC1. Alii Drive (Route 186) Culvert Replacement SysPres	ADVCON	0	3,000	(3,000)																STP FLEXIBLE
<i>Estimated Total Project Cost - \$13,100,000 -- Replace existing concrete culvert with a new concrete bridge.</i>																				
HC2. Bridge and Pavement Improvement Program SysPres	CON	4,375	3,500	875	7,925	6,340	1,585	8,125	6,500	1,625	7,925	6,340	1,585	8,125	6,500	1,625	7,925	6,340	1,585	STP FLEXIBLE
<i>Estimated Total Project Cost - \$24,375,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The current list of prioritized proposed projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other-related-links/stip/.</i>																				
HC3. Bridge Inspection and Appraisal SysPres	PLN				200	160	40				200	160	40				200	160	40	STP FLEXIBLE
<i>Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.</i>																				
HAWAII : COUNTY OF HAWAII - FHWA TOTAL		4,375	6,500	(2,125)	8,125	6,500	1,625													

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF HAWAII - FTA																				
HC4. Bus and Bus Facility Transit	EQP	590	469	121	609	484	125	627	502	125	646	517	129							FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HC5. Rural Transportation Program Transit	OPR	2,298	1,149	1,149	2,368	1,184	1,184	2,440	1,220	1,220	2,514	1,257	1,257							FTA SECTION 5311(b)(3)
<i>Estimated Total Project Cost - \$13,160,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA FUNDING CATEGORY SUMMARY - HAWAII																				
NHPP (National Highway Performance Program)			2,848		8,488		8,040		23,960		18,520		21,000							
BRIDGE OFF-SYSTEM			0		0		0		0		0		0							
STP ENHANCEMENT/TAP			0		0		0		0		0		0							
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			8,516		8,500		8,900		8,500		13,300		7,620							
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0							
HSIP (Highway Safety Improvement Program)			324		970		3,800		0		0		0							
NATIONAL RECREATIONAL TRAILS			299		299		299		299		299		299							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FLAP (Federal Lands Access Program)			0		0		0		0		0		0							
EARMARK - HIGH PRIORITY			0		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
EARMARK - SECTION 112			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
SUBTOTAL			11,987		18,257		21,039		32,759		32,119		28,919							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY		TOTAL	11,987		18,257		21,039		32,759		32,119		28,919							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																	
MAUI : STATE - FHWA																					
MS11 SysPres	Bridge and Pavement Improvement Program, Maui	CON	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	14,800	0	14,800	NHPP / STBG
<i>Estimated Total Project Cost - \$88,800,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
MS1 Safety	Guardrail and Shoulder Improvement Program at Various Locations, Maui																				STBG
	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 4	CON				1,000	800	200													
	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 5	CON								4,000	3,200	800									
	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 6	CON																4,000	3,200	800	
<i>Estimated Total Project Cost - \$10,000,000 -- Improve guardrails and shoulders at various locations.</i>																					
MS2 SysPres	Hana Highway Bridge Preservation Program																				
	Hana Highway Bridge Preservation Program, Phase 1	ROW	1,065	852	213																
	Hana Highway Bridge Preservation Program, Phase 1A	CON								12,000	9,600	2,400									
	Hana Highway Bridge Preservation Program, Phase 1B	CON												12,000	9,600	2,400					
	Hana Highway Bridge Preservation Program, Phase 2	PE1												1,000	800	200					
		PE2															1,000	800	200		
<i>Estimated Total Project Cost - \$27,065,000 -- Improve Hana Highway Bridges. Improvements could include widening of lanes and shoulders, replace railings, strengthening of the superstructure to support current design loads, all abutments will be upgraded, all approach guardrail and CRM walls will be upgraded. Phase 1 will include work on 6 bridges. 1. Puhokamao, 2. Kopiliula, 3. Mokulehua, 4. Uaino, 5. Kailua, 6. Makanali. Bridges for Phase 2 will be prioritized at a later date.</i>																					
MS5 SysPres	Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	ROW				104	83	21													
		CON				5,825	4,660	1,165													
<i>Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.</i>																					
MS3 Safety	Honoapiilani Highway Realignment, Olowalu to Papalaua Park	PE1												500	0	500					
<i>Estimated Total Project Cost - \$150,000,000 -- Develop a two-lane alternative route mauka of Honoapiilani Highway outside of coastal hazard area and projected sea-level rise impact area.</i>																					
MS4 Safety	Honoapiilani Highway (Route 30), Rockfall Protection / Slope Stabilization, Vicinity of MP 10.33 to Vicinity of MP 10.44	CON																5,000	4,000	1,000	
<i>Estimated Total Project Cost - \$6,500,000 -- Develop implement appropriate rockfall mitigation along this section of highway.</i>																					
MS6 Safety	Kula Highway (Route 37) Safety Improvements, Aapueo Parkway to Omaopio Road	CON	900	810	90																
<i>Estimated Total Project Cost - \$ 1,000,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge stripes on shoulders; widen shoulders to accommodate milled rumble strips where appropriate and apply safety edge; intersection improvements at various locations; pavement markings; signing.</i>																					

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
MS12 Enhance National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.</i>																				
MS7 Safety North Kihei Road (Route 310) Safety Improvements, From Honoapiilani Highway to Piilani Highway	CON										1,800	1,620	180							HSIP
<i>Estimated Total Project Cost - \$2,000,000 -- Scope includes, but is not limited to: installation of milled rumble strips on centerline; installation of milled rumble strips or rumble edge strips on shoulders; widen shoulders to accommodate milled rumble strips where appropriate and apply safety edge; left turn storage lane at MECO driveway; install additional traffic signal head and backplates at South Kihei Road; pavement markings; signing.</i>																				
MS8 Modern Paia Relief Route	PE2													3,430	0	3,430				LOCAL
	ROW													4,900	0	4,900				
	CON																49,000	0	49,000	
<i>Estimated Total Project Cost - \$90,000,000 -- Develop a two-lane mauka route of Hana highway to bypass the town of Paia.</i>																				
MS9 Enhance Puunene Ave. (Rte 3500) Improvements, Kamehameha Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	CON	10,000	5,400	4,600																STBG
	ADVCON				0	2,600	(2,600)													
<i>Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.</i>																				
MS10 Safety Shoreline Protection/Mitigation Program, Various areas in Maui District	PE1	2,000	1,600	400							2,000	1,600	400							NHPP
	PE2							2,000	1,600	400										
	ROW										2,000	1,600	400							
	CON										5,000	4,000	1,000							
<i>Estimated Total Project Cost - \$ 15,000,000 -- Develop and construct shoreline protection measures to better protect roadways from flooding and erosion as identified and prioritized in the Statewide Shoreline Protection Program. This funding is for the Maui District Sub-Program.</i>																				
MOLOKAI																				
MS13 SysPres Kamehameha V Highway (Route 450), Bridge Replacement, Makakupaia Stream Bridge	CON				7,535	4,028	3,507													STBG
	ADVCON							0	2,000	(2,000)										
<i>Estimated Total Project Cost - \$8,800,000 -- Construct detour road/bridge, demolish and build new bridge, relocate utilities, install pavement signing, striping and marking.</i>																				
MAUI : MPO STATE - FHWA TOTAL		29,214	9,021	20,193	22,178	8,502	13,676	29,249	11,559	17,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290	
MAUI : NON-MPO STATE - FHWA TOTAL		0	0	0	7,535	4,028	3,507	0	2,000	(2,000)	0	0	0	0	0	0	0	0	0	0
MAUI : STATE - FHWA TOTAL		29,214	9,021	20,193	29,713	12,530	17,183	29,249	13,559	15,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FHWA																				
MC1 Congest	Central Maui Traffic Signal Upgrades 1. Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) 2. Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0) 3. Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48) 4. Wakea Ave (Rte 3920) & Hooohana St 5. Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19) 6. Wakea Ave (Rte 3920) & Alamaa St. (Rte 3945) 7. Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12) 8. Papa Ave (Rte 3910, MP1.2B) & Kamehameha Ave (Rte 3940, MP 1.75) 9. Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85)	PE2	270	0	270															STBG
	CON				742	594	148													
	<i>Estimated Total Project Cost - \$1,012,000-- The project will upgrade nine (9) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																			
MC2 Safety	Guardrail and Shoulder Improvements, Various Locations, Phase 1 - Halimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390), MP 0-MP 2.62	CON	1,531	1,225	306															STBG
	<i>Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.</i>																			
MC19 SysPres	Hana Highway (RTE 360), Bridge Rehabilitation, Waikakoi Bridge (MP 45.42)	PE2				900	0	900												STBG
	CON										6,000	800	5,200							
	ADVCON													0	4,000	(4,000)				
MC4 SysPres	Hana Highway (Route 3700), Bridge Replacement, Kahawaiokapia Bridge, M	CON				5,733	4,586	1,147												STBG
	<i>Estimated total project cost - \$6,900,000 -- Scope of work involves constructing a temporary bypass road and bridge to allow traffic to continue through the area and replacing the existing bridge with a new bridge.</i>																			
MC11 SysPres	Hana Highway (Route 3700), Bridge Replacement, Mahalawa Bridge, MP 43.29	PE2	750	0	750															STBG
	CON								6,000	800	5,200									
	ADVCON											0	4,000	(4,000)						
<i>Estimated total project cost - \$6,750,000 -- Scope of work involves constructing a temporary bypass road and bridge to allow traffic to continue through the area and replacing the existing bridge with a new bridge.</i>																				
MC5 SysPres	Kanaloa Avenue (Route 3420, MP 0-MP 0.9) Resurfacing from Kahului Beach Road (Route 3400) to Kaahumanu Ave (Route 3940) and Mahalani Street (Route 3231, MP 0-MP 1.18) Resurfacing from Kaahumanu Ave (Route 3400) to Maui Lani Parkway	PE2	300	0	300															STBG
	CON								4,163	3,330	833									
<i>Estimated Total Project Cost - \$4,463,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC6 SysPres	Kaupakalua Road (Route 365) Pavement Reconstruction, Phase 2 - East Kuiaha Road to Hana Highway	CON	7,934	6,347	1,587															STBG
	<i>Estimated Total Project Cost - \$13,850,000 (for Phases 1 & 2) -- The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of pavement markings and striping.</i>																			
MC7 Modern	Kihei North-South Collector Road (Route 3115, MP 1.21-MP 1.99)	PE2	1,500	0	1,500															STBG
	ROW				250	0	250													
	CON													23,123	3,817	19,306				
ADVCON													0	13,000	(13,000)					
<i>Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.</i>																				
MC3 SysPres	Lower Honoapiilani Road (Route 3080), Bridge Replacement, Kahana Nui Bridge, MP 2.40	CON				3,647	2,918	729												STBG
	<i>Estimated Total Project Cost - \$4,000,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.</i>																			

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MC8 SysPres Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, Phase IV, Hoohui Road to Napilihau Road (Route 3090)	PE1				250	0	250													STBG	
	PE2								300	0	300										
	CON												6,263	5,010	1,253						
<i>Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																					
MC9 SysPres Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	PE2													300	0	300				STBG	
	CON																	5,101	4,081	1,020	
	<i>Estimated Total Project Cost - \$5,400,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC10 SysPres Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	PE2				175	0	175													STBG	
	CON							3,500	2,800	700											
	<i>Estimated Total Project Cost - \$4,000,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.</i>																				
MC12 Enhance Makawao Avenue (Route 365, MP 1.5-MP 1.7) - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW							750	0	750										STBG	
	CON										2,628	2,102	526								
	<i>Estimated Total Project Cost - \$3,378,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.</i>																				
MC13 SysPres Mill Street (Route 3840) Pavement Reconstruction, N. Market Street to E. Main Street	PE2	300	0	300																STBG	
	CON				4,000	3,200	800														
	<i>Estimated Total Project Cost - \$4,300,000 -- Reconstruction of the existing roadway pavement; adjusting existing manholes, valves, and street monuments; repairing drainlines as required; addressing accessibility issues; installing pavement striping and marking; and replacing existing signage.</i>																				
MC14 Safety Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	PE2	200	0	200																STBG	
	CON				1,546	1,237	309														
	<i>Estimated Total Project Cost - \$1,764,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.</i>																				
MC15 SysPres Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	CON	4,400	3,520	880																STBG	
	<i>Estimated Total Project Cost - \$4,400,000 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.</i>																				
	CON	1,837	1,470	367																	STBG
MC16 Safety Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Wainee Street (Route 3015, MP 0.3-MP 0.34)	CON																			STBG	
	<i>Estimated Total Project Cost - \$1,837,225-- Removal of existing traffic signal system. Installation of a new signal system including controller, video detection, communication hardware, updated phasing and timing, resurfacing of the intersection's functional area, ADAAG related improvements.</i>																				
	PE2				250	0	250														STBG
MC17 SysPres South Kihei Road Pavement Reconstruction	CON							2,500	2,000	500											
	<i>Estimated Total Project Cost - ~\$2,750,000 - Reconstruction of the existing roadway pavement from Uliani Street to Auhana Road.</i>																				
	PE2																				TAP
MC21 Enhance Transportation Alternative Program (TAP)	CON	200	160	40	2,250	1,800	450														
	PE2				160	128	32														
	CON							1,750	1,400	350											
<i>Estimated Total Project Cost - ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process.</i>																					
MC18 Congest Waiale Road (Route 3180, MP 0.45 to MP 0.51) and Waiinu Road (Route 3231, MP 1.15 to MP 1.18) Intersection Improvements	PE1	150	0	150																STBG	
	PE2	150	0	150																	
	ROW				100	0	100														
	CON							2,290	1,832	458											
<i>Estimated Total Project Cost - \$2,690,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies or other evaluated and selected alternative. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.</i>																					
MC20 Congest Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Intersection Improvements	PE2	260	0	260																STBG	
	CON										2,733	2,186	547								
	<i>Estimated Total Project Cost - \$2,993,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.</i>																				
MAUI : COUNTY OF MAUI - FHWA SUBTOTAL		19,582	12,562	7,020	17,593	12,535	5,058	19,503	10,762	8,741	34,484	12,905	21,579	6,563	22,010	(15,447)	5,101	4,081	1,020		
MAUI : COUNTY OF MAUI SRTS - FHWA TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAUI : COUNTY OF MAUI TAP - FHWA TOTAL		200	160	40	2,410	1,928	482	1,750	1,400	350	0	0	0	0	0	0	0	0	0	0	
MAUI : COUNTY OF MAUI - FHWA TOTAL		19,782	12,722	7,060	20,003	14,463	5,540	21,253	12,162	9,091	34,484	12,905	21,579	6,563	22,010	(15,447)	5,101	4,081	1,020		

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COUNTY OF MAUI - FTA																				
MC22 Transit	Bus and Bus Facility (Rural) - FTA 5339 EQP	438	350	88	438	350	88	451	361	90	465	372	93	479	383	96	494	395	99	FTA SECTION 5339 (Bus and Bus Facilities Prgm-Rural)
<i>Estimated Total Project Cost - \$ 2,765,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																				
MC23 Transit	Bus and Bus Facility (Small Urban) - FTA 5339 EQP	394	315	79	401	321	80	414	331	83	426	341	85	439	351	88	452	362	90	FTA SECTION 5339 (Bus and Bus Facilities Prgm-Small Urban)
<i>Estimated Total Project Cost - \$2,526,000 -- Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations</i>																				
MC24 Transit	Rural Areas Program - FTA 5311 OPR	1,042	521	521	1,074	537	537	1,106	553	553	1,140	570	570	1,174	587	587	1,210	605	605	FTA SECTION 5311
<i>Estimated Total Project Cost - \$6,746,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
MC25 Transit	Urbanized Area - Kahului - FTA 5307 PLN/EQP/ OPR	2,714	2,171	543	2,746	2,197	549	2,829	2,263	566	2,914	2,331	583	3,001	2,401	600	3,091	2,473	618	FTA SECTION 5307 - Kahului (pop., 50,000 - 199,999)
<i>Estimated Total Project Cost - \$17,295,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.</i>																				
MC26 Human	Transportation Assistance for Elderly and Disabled - FTA 5310 EQP	338	270	68	348	278	70	358	286	72	369	295	74	380	304	76	391	313	78	FTA SECTION 5310
<i>Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Small-Urban) Funds from program will be utilized for the purchase of vehicles.</i>																				
MAUI : COUNTY OF MAUI - FTA TOTAL		4,926	3,627	1,299	5,007	3,683	1,324	5,158	3,794	1,364	5,314	3,909	1,405	5,473	4,026	1,447	5,638	4,148	1,490	

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA FUNDING CATEGORY SUMMARY - MAUI																				
NHPP (National Highway Performance Program)			1,600		4,743		1,600		7,200		0		1,600		0		1,600		0	
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0		0	
STP ENHANCEMENT/TAP			160		1,928		1,400		0		0		0		0		0		0	
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			18,814		19,963		22,362		16,105		32,410		12,081		0		0		0	
SECTION 1404 - (Safe Routes to School)			0		0		0		0		0		0		0		0		0	
HSIP (Highway Safety Improvement Program)			810		0		0		1,620		0		0		0		0		0	
NATIONAL RECREATIONAL TRAILS			359		359		359		359		359		359		0		0		0	
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
FLAP (Federal Lands Access Program)			0		0		0		0		0		0		0		0		0	
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0		0	
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0		0		0		0	
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0		0		0	
DISCRETIONARY			0		0		0		0		0		0		0		0		0	
HIGHWAYS FOR LIFE			0		0		0		0		0		0		0		0		0	
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
IMD (NHPP Discretionary)			0		0		0		0		0		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0		0	
	SUBTOTAL		21,743		26,993		25,721		25,284		32,769		14,040		0		0		0	
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0		0		0		0		0		0		0		0		0	
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
REGULAR FORMULA AUTHORITY	TOTAL		21,743		26,993		25,721		25,284		32,769		14,040		0		0		0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																	
KAUAI : STATE - FHWA																					
KS1. SysPres	Bridge and Pavement Improvement Program, Kauai	CON	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	8,500	0	8,500	NHPP / STP FLEXIBLE
<i>Estimated Total Project Cost - \$67,200,000 -- System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/. Qualified and priority SMP projects could receive federal funds should they become available.</i>																					
KS2. Safety	Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE
	Guardrail and Shoulder Improvements on State Highways, Kauai, Part 5	PE2	50	0	50																
		CON	2,000	600	1,400																
		ADVCON				0	1,000	(1,000)													
	Guardrail and Shoulder Improvements on State Highways, Kauai, Part 6	PE				500	0	500													
		CON							2,000	1,600	400										
	Guardrail and Shoulder Improvements on State Highways, Kauai, Part 7	PE										500	0	500							
		CON													2,000	1,600	400				
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																					
KS3. SysPres	Kapule Highway / Rice Street / Waapa (RTE 51) Road Improvements and Nawiliwili Bridge Replacement	CON				6,000	800	5,200													NHPP
		ADVCON							0	4,000	(4,000)										
<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																					
KS5. SysPres	Kaunualii Highway (RTE 50), Bridge Replacement, Omao Bridge	CON							15,000	1,000	14,000										STP FLEXIBLE
		ADVCON										0	6,000	(6,000)	0	5,000	(5,000)				
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.</i>																					
KS6. SysPres	Kuhio Highway (RTE 56), Bridge Replacement, Kapaia Bridge	CON				11,275	1,020	10,255													NHPP
		ADVCON							0	1,000	(1,000)	0	7,000	(7,000)							
<i>Estimated Total Project Cost - \$13,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																					
KS7. SysPres	Kuhio Highway (RTE 560), Bridge Rehabilitation, Wainiha Stream Bridges #1, #2, #3, Phase 2 - Bridge work	CON	30,000	24,000	6,000																STP FLEXIBLE
<i>Estimated Total Project Cost - \$33,000,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KS9. SysPres Kuhio Highway (RTE 56), Bridge Repair, Hanalei Bridge	CON																6,000	4,800	1,200	NHPP
<i>Estimated Total Project Cost - \$6,500,000 - Replace remove and replace deteriorated steel as well as the deteriorated paint system on this historic bridge.</i>																				
KS10. SysPres Kuhio Highway (RTE 56), Bridge Repair, Wailua River Bridge	CON																4,000	3,200	800	NHPP
<i>Estimated Total Project Cost - \$4,500,000 - Replace deteriorated steel supports and all bearing areas of the bridge. Replace deteriorated concrete as well as bearings.</i>																				
KS11. SysPres Kuhio Highway (RTE 56) Emergency Slope Stabilization, Kalihiwai Bridge	ADVCON	0	400	(400)	0	3,000	(3,000)	0	3,000	(3,000)	0	3,000	(3,000)							STP FLEXIBLE
<i>Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																				
KS12. Modern Kuhio Highway (RTE 56) Improvements, Kapaa Solutions (Priority #2), Vicinity of Kapule Highway to Vicinity of Wailua Bridge	PE1				750	600	150													STP FLEXIBLE
	PE2							1,125	900	225										
	ROW													18,200	14,560	3,640				
	CON																21,500	17,200	4,300	
<i>Estimated Total Project Cost - \$45,000,000 - The purpose of this project is to reduce congestion and improve mobility in the Kapaa area.</i>																				
KS13. Congest Kuhio Highway (Route 56), Short Term Improvements, Kuamoo Road to Temporary Bypass Road	CON	16,000	1,100	14,900																NHPP
	ADVCON				0	6,700	(6,700)	0	5,000	(5,000)										
<i>Estimated Total Project Cost - \$20,000,000 -- Improvements to Kuhio highway likely to include but are not limited to, repaving, widening the roadway to accomodate a new southbound lane, improving operating conditions of existing intersections, and improving existing auxiliary turn lanes.</i>																				
KS14. Congest Kuhio Highway (RTE 56) Traffic Signal Optimization and Intersection Improvements, Kapaa Solutions (Priority #3)	CON				1,480	1,184	296													STP FLEXIBLE
<i>Estimated Total Project Cost - \$2,000,000 - Improve intersection operations in order to provide additional capacity.</i>																				
KS15. Enhance National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				
KS16. Safety Waimea Canyon Drive/Kokee Road Improvements, Phase 2A (MP 4-8)	CON										5,000	500	4,500							STP FLEXIBLE
	ADVCON													0	4,000	(4,000)				
<i>Estimated Total Project Cost - \$5,500,000 - Improvements include constructing paved shoulders, installing guardrails, pavement markings, signs and other improvements.</i>																				
KAUAI : STATE - FHWA TOTAL		56,864	26,351	30,513	28,819	14,555	14,264	26,939	16,751	10,188	14,314	16,751	(2,437)	29,014	25,411	3,603	40,314	25,451	14,863	

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COUNTY OF KAUAI - FHWA																					
KC1. Anini Bridge #2 Replacement SysPres	DES				500	0	500													STP FLEXIBLE	
	CON																	3,000	2,400		600
<i>Estimated Total Project Cost - \$3,500,000 -- Replace existing double box culvert and temporary one-lane precast panel bridge with a new structure. Demolish existing bridge, construct temporary bypass bridge, construct new two-lane bridge and possibly paved shoulders; relocate utilities.</i>																					
KC2. Bridge Inspection and Appraisal SysPres	OPR				125	100	25						125	100	25						STP FLEXIBLE
																				125	
<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.</i>																					
KC3. Haleko Road (Route 5040) Improvements SysPres	DES							400	0	400										STP FLEXIBLE	
	CON																				3,000
<i>Estimated Total Project Cost - \$3,400,000 -- Project Limits are full length of Haleko Road; Resurface and Reconstruct pavement as needed; widen roadway to construct on-road bike lanes, construct a sidewalk on one side of the road where no sidewalk exists; add crosswalks as needed to service new sidewalk; add/improve turn lanes as needed.</i>																					
KC4. Hanapepe Road (Rte 545) Resurfacing SysPres	CON							3,900	1,620	2,280										STP FLEXIBLE	
	ADVCON												0	1,500	(1,500)						
<i>Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>																					
KC5. Improvements to Maluhia Rd. (RTE 520) and Kōloa Rd. (RTE 530) SysPres	ADVCON	0	3,200	(3,200)	0	1,000	(1,000)													STP FLEXIBLE	
<i>Estimated Total Project Cost - \$13,000,000 -- Part of an ongoing roadway and street maintenance program. Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of Maluhia Road and Kōloa Road, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening these roads, to better serve all users and provide support for the pavement. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>																					
KC6. Kamalu Road (Route 581) Improvements SysPres	DES										900	0	900							STP FLEXIBLE	
	CON																				6,000
<i>Estimated Total Project Cost - \$6,900,000 -- Resurface pavement (and Reconstruct as needed) the full length of Kamalu Road; widen roadway to provide paved shoulders, 5 feet wide where feasible; replace one-lane bridge at Kalama Stream with a two-lane bridge with appropriate bridge railing and approach guardrail; construct other safety improvements.</i>																					
KC7. Kawaihau Road (Route 5860) Improvements SysPres	DES							600	0	600										STP FLEXIBLE	
	CON																				5,000
<i>Estimated Total Project Cost - \$5,600,000 -- Project Limits are from Hauaala Road to Ka'apuni Road and Kapahi Park - The project includes construction of the following: pavement resurfacing and reconstruction; widened and/or new sidewalks; shoulder widening; intersection improvements including left turn lanes and crosswalks.</i>																					
KC8. Kawaihau Road (Route 5860), Hauaala Road (Route 5865), Mailihuna Road (Route 5870), Complete Street & Safety Improvements Safety	CON	3,183	546	2,637																STP FLEXIBLE	
	ADVCON				0	2,000	(2,000)														
<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Mailihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Mailihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																					
KC9. Kekaha Road (Route 551) Improvements SysPres	DES							800	0	800										STP FLEXIBLE	
	CON													5,000	4,000	1,000					
<i>Estimated Total Project Cost - \$5,800,000 -- Project Limits Kaunualii Highway to Amakihi Street -- Resurface pavement (and Reconstruct as needed); construct shared use path on mauka side (1.8 miles); reconstruct broken sidewalks and add additional sidewalks on the makai side.</i>																					
KC10. Kilauea Road and Kolo Road (Route 562) Resurfacing and Multi-Modal Access SysPres	PE2	350	0	350																STP FLEXIBLE	
	CON							9,000	3,200	5,800											
	ADVCON												0	4,000	(4,000)						
<i>Estimated Total Project Cost - \$9,680,000 -- The project includes construction of the following: pavement resurfacing and reconstruction; new sidewalks and sidewalk repair; new crosswalks; widening and extension of a shared use path; shoulder widening; intersection improvements including a mini-roundabout at the Kolo Road/Kilauea Road intersection.</i>																					

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
KC11. Enhance Lihue-Anahola Coastal Bike Path Lihue-Anahola Coastal Bike Path, Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path, Phase C & D <i>A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uheleakawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.</i> Lihue-Anahola Coastal Bike Path, Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path, Phase A - Ahukini Landing to Hanamaulu Beach Park Lihue-Anahola Coastal Bike Path, Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path, Phase B - Hanamaulu Beach Park to Wailua Golf Course Lihue-Anahola Coastal Bike Path, Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path, Phase A - Ninini Point to Ahukini Lihue-Anahola Coastal Bike Path, Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path, Phase B - Ninini Point to Nāwiliwili Beach Park <i>Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.</i> <i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>	CON	1,091	1,091	0																STP ENHANCEMENT	
	ROW	100	100	0																	
	PE2				1,179	1,179	0														
	CON												8,041	8,041	0						
	ROW	100	100	0																	
	PE2				840	840	0														
	CON									288	288	0									
	ADVCON												4,000	4,000	0						
	PE2									1,400	1,400	0									
	ROW				424	424	0														
CON																	4,500	4,500	0		
PE2												1,061	1,061	0							
DES									300	0	300										STP FLEXIBLE
CON												3,500	2,800	700							
<i>Estimated Total Project Cost - \$3,800,000 -- Resurface and reconstruct pavement as needed, along the full length of Moi Road; construct sidewalk on the east side where there is no sidewalk, add shoulders both sides between Kaunualii Highway and Kane Street.</i>																					
KC13. SysPres Oloheua Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements Oloheua Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements, Phase 1 Oloheua Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements, Phase 2 <i>Estimated Total Project Cost - \$7,700,000 -- The project includes construction of the following: rehabilitation and resurfacing of the pavement of the project roads, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening on Kukui Street and Oloheua Road where feasible, to better serve all users and provide support for the pavement. Between Kuhio Highway and the Kapaa Bypass, is proposed on one side, and the proposed paved shoulders are intended to be marked as bicycle lanes. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>	CON	7,000	2,800	4,200																	STP FLEXIBLE
	ADVCON				0	2,800	(2,800)														
	<i>Estimated Total Project Cost - \$9,500,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping</i>																				
KC14. Enhance Poipu Road (Route 520) Multimodal Improvements Poipu Road (Route 520) Multimodal Improvements, Phase 1 - Lawai Road to Keleka Road Poipu Road (Route 520) Multimodal Improvements, Phase 2 - Koloa Road to Lawai Road <i>Estimated Total Project Cost - \$9,500,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping</i>	CON				5,200	1,160	4,040														STP FLEXIBLE
	ADVCON							0	3,000	(3,000)											
	CON									4,080	264	3,816									
ADVCON												0	3,000	(3,000)							
KC15. SysPres Puhi Road (Route 5010) Rehabilitation, Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80) <i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road, Phase 1 was from Kaunualii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>	CON												3,714	2,971	743						STP FLEXIBLE
	<i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road, Phase 1 was from Kaunualii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																				
KC19. Enhance Safe Routes to School Program (SRTS) Safe Routes to School Program (SRTS), 2014 Awards, 1. King Kaunualii School SRTS, Phase 1 Safe Routes to School Program (SRTS), 2014 Awards 2. Koloa Safe Routes, Phase 2 Safe Routes to School Program (SRTS), 2016 Awards 3. Kalaheo School SRTS, Phase 1 <i>Estimated Total Project Cost - ~\$1.5 million/year -- SRTS is an international effort to increase safety and promote walking and bicycling to/from school. Eligible SRTS projects and activities shall directly support increased safety and convenience for students in grades K-8 to walk and/or bicycle to/from school.</i>	CON				450	450	0														SAFE ROUTES TO SCHOOL
	CON	680	680	0																	
	PE2	15	15	0																	
	CON				410	410	0														
	<i>Estimated Total Project Cost - ~\$2.4 million/year -- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HART projects may be flexed from FHWA to FTA.</i>																				
KC16. Enhance Waimea to Kekaha Shared Use Path, Phase I <i>Estimated Total Project Cost - \$4,500,000 -- Construction of a Shared Use Path along the mauka side of Kaunualii Highway, between Carl Furutani Street in Waimea and Alae Road in Kekaha. Phase II of the path is proposed to be constructed along with Kekaha Road improvements.</i>	PE2				400	0	400														STP FLEXIBLE
	CON											2,000	600	1,400							
	ADVCON														0	1,000	(1,000)				

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
KAUAI : COUNTY OF KAUAI - FHWA SUBTOTAL		11,824	7,837	3,987	8,668	9,503	(835)	15,000	7,820	7,180	8,793	8,152	641	25,316	26,873	(1,557)	21,625	18,200	3,425	
KAUAI : COUNTY OF KAUAI SRTS - FHWA TOTAL		695	695	0	860	860	0	0	0	0	0	0	0	0	0	0	0	0	0	
KAUAI : COUNTY OF KAUAI TAP - FHWA TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KAUAI : COUNTY OF KAUAI - FHWA TOTAL		12,519	8,532	3,987	9,528	10,363	(835)	15,000	7,820	7,180	8,793	8,152	641	25,316	26,873	(1,557)	21,625	18,200	3,425	

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
COUNTY OF KAUAI - FTA																				
KC17. Bus and Bus Facility Transit	EQP	590	469	121	609	484	125	627	502	125	646	517	129							FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC18. Rural Transportation Program Transit	OPR	2,298	1,149	1,149	2,368	1,184	1,184	2,440	1,220	1,220	2,514	1,257	1,257							FTA SECTION 5311(b)(3)
<i>Estimated Total Project Cost - \$13,160,000-- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	

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PROJECT	PHASE	FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FFY2021 (Oct 1, 20 - Sep 30, 21)			FFY2022 (Oct 1, 21 - Sep 30, 22)			FFY2023 (Oct 1, 22 - Sep 30, 23)			FFY2024 (Oct 1, 23 - Sep 30, 24)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA FUNDING CATEGORY SUMMARY - KAUAI																				
NHPP (National Highway Performance Program)			1,100		8,520		10,000		7,000		0		0		0		0		0	
BRIDGE OFF-SYSTEM			0		0		0		0		0		0		0		0		0	
STP ENHANCEMENT/TAP			1,291		2,443		0		1,688		13,102		4,500							
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			31,546		12,844		14,320		15,964		38,931		38,900							
SECTION 1404 - (Safe Routes to School)			695		860		0		0		0		0		0		0		0	
HSIP (Highway Safety Improvement Program)			0		0		0		0		0		0		0		0		0	
NATIONAL RECREATIONAL TRAILS			251		251		251		251		251		251		251		251		251	
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0		0		0		0	
FTA TRANSFER FUNDS			0		0		0		0		0		0		0		0		0	
FLAP (Federal Lands Access Program)			0		0		0		0		0		0		0		0		0	
EARMARK - HIGH PRIORITY			0		0		0		0		0		0		0		0		0	
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 112			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 115			0		0		0		0		0		0		0		0		0	
EARMARK - SECTION 117			0		0		0		0		0		0		0		0		0	
FLHD (Federal Lands Highway Discretionary)			0		0		0		0		0		0		0		0		0	
NRCS (National Resources Conservation Service)			0		0		0		0		0		0		0		0		0	
DISCRETIONARY (TIGER 2015)			0		0		0		0		0		0		0		0		0	
HIGHWAYS FOR LIFE			0		0		0		0		0		0		0		0		0	
IMD (NHPP Discretionary)			0		0		0		0		0		0		0		0		0	
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0		0		0		0	
	SUBTOTAL		34,883		24,918		24,571		24,903		52,284		43,651							
	LESS DISCRETIONARY, DEMO ...ETC. PROJECTS		0		0		0		0		0		0		0		0		0	
	LESS FTA TRANSFER FUNDS		0		0		0		0		0		0		0		0		0	
	REGULAR FORMULA AUTHORITY	TOTAL	34,883		24,918		24,571		24,903		52,284		43,651							

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FTA SUMMARY																				
STATEWIDE		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		834	667	167	859	687	172	883	707	176	910	728	182	939	751	188	968	774	194	
C&C OF HONOLULU		908,706	309,883	598,823	876,637	284,639	591,998	528,353	178,389	349,964	49,187	35,073	14,114	49,640	35,350	14,290	50,101	35,631	14,470	
COUNTY OF HAWAII		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	
COUNTY OF MAUI		4,926	3,627	1,299	5,007	3,683	1,324	5,158	3,794	1,364	5,314	3,909	1,405	5,473	4,026	1,447	5,638	4,148	1,490	
COUNTY OF KAUAI		2,888	1,618	1,270	2,977	1,668	1,309	3,067	1,722	1,345	3,160	1,774	1,386	0	0	0	0	0	0	
FTA TOTAL		920,877	317,993	602,884	889,115	292,945	596,170	541,768	187,402	354,366	62,686	44,023	18,663	57,035	40,914	16,121	57,720	41,364	16,356	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA SUMMARY																				
STATEWIDE		51,985	20,545	31,440	49,755	18,821	30,934	47,935	20,285	27,650	51,640	20,350	31,290	42,435	14,425	28,010	44,585	12,105	32,480	
Oahu - State		135,989	79,531	56,458	140,799	79,401	61,398	79,060	79,537	(477)	90,720	78,025	12,695	98,933	78,268	20,665	152,720	82,263	70,457	
City and County of Honolulu		27,596	17,186	10,410	83,102	21,851	61,251	72,249	17,000	55,249	35,131	7,300	27,831	65,749	10,160	55,589	26,566	6,050	20,516	
ISLAND OF OAHU		163,585	96,717	66,868	223,901	101,252	122,649	151,309	96,537	54,772	125,851	85,325	40,526	164,682	88,428	76,254	179,286	88,313	90,973	
Hawaii - State		26,314	5,487	20,827	26,284	11,757	14,527	23,924	14,539	9,385	52,074	26,259	25,815	37,974	25,619	12,355	48,774	22,419	26,355	
County of Hawaii		4,375	6,500	(2,125)	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	8,125	6,500	1,625	
ISLAND OF HAWAII		30,689	11,987	18,702	34,409	18,257	16,152	32,049	21,039	11,010	60,199	32,759	27,440	46,099	32,119	13,980	56,899	28,919	27,980	
Maui - State		29,214	9,021	20,193	29,713	12,530	17,183	29,249	13,559	15,690	30,049	12,379	17,670	37,079	10,759	26,320	76,249	9,959	66,290	
County of Maui		19,782	12,722	7,060	20,003	14,463	5,540	21,253	12,162	9,091	34,484	12,905	21,579	6,563	22,010	(15,447)	5,101	4,081	1,020	
ISLAND OF MAUI		48,996	21,743	27,253	49,716	26,993	22,723	50,502	25,721	24,781	64,533	25,284	39,249	43,642	32,769	10,873	81,350	14,040	67,310	
Kauai - State		56,864	26,351	30,513	28,819	14,555	14,264	26,939	16,751	10,188	14,314	16,751	(2,437)	29,014	25,411	3,603	40,314	25,451	14,863	
County of Kauai		12,519	8,532	3,987	9,528	10,363	(835)	15,000	7,820	7,180	8,793	8,152	641	25,316	26,873	(1,557)	21,625	18,200	3,425	
ISLAND OF KAUAI		69,383	34,883	34,500	38,347	24,918	13,429	41,939	24,571	17,368	23,107	24,903	(1,796)	54,330	52,284	2,046	61,939	43,651	18,288	
FHWA TOTAL		364,638	185,875	178,763	396,128	190,241	205,887	323,734	188,153	135,581	325,330	188,621	136,709	351,188	220,025	131,163	424,059	187,028	237,031	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)																
FHWA FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
NHPP (National Highway Performance Program)			86,404		110,980		106,860		126,298		103,301		107,376							
BRIDGE OFF-SYSTEM			800		800		800		800		800		800							
STP ENHANCEMENT/TAP			10,599		7,331		1,840		3,528		14,942		6,340							
STP FLEXIBLE / STBG (Surface Transportation Block Grant)			75,906		58,593		66,272		48,939		94,461		65,081							
SECTION 1404 - (Safe Routes to School)			1,035		1,225		340		745		710		340							
HSIP (Highway Safety Improvement Program)			6,884		5,025		10,580		6,850		4,350		5,630							
NATIONAL RECREATIONAL TRAILS			1,196		1,196		1,196		1,196		1,196		1,196							
CMAQ (Congestion Mitigation Air Quality)			0		0		0		0		0		0							
FTA TRANSFER FUNDS			0		0		0		0		0		0							
FLAP (Federal Lands Access Program)			586		4,826		0		0		0		0							
EARMARK - HIGH PRIORITY			2,200		0		0		0		0		0							
EARMARK - RE-PURPOSED EARMARKS			0		0		0		0		0		0							
STPSFA GRANTS			0		0		0		0		0		0							
EARMARK - SECTION 115			0		0		0		0		0		0							
EARMARK - SECTION 117			0		0		0		0		0		0							
FLHD (Federal Lands Highway Discretionary)			265		265		265		265		265		265							
NRCS (National Resources Conservation Service)			0		0		0		0		0		0							
DISCRETIONARY (TIGER 2015)			0		0		0		0		0		0							
HIGHWAYS FOR LIFE			0		0		0		0		0		0							
IMD (NHPP Discretionary)			0		0		0		0		0		0							
FERRY BOAT DISCRETIONARY / ARRA FBD			0		0		0		0		0		0							
SUBTOTAL			185,875		190,241		188,153		188,621		220,025		187,028							
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(3,051)		(5,091)		(265)		(265)		(265)		(265)							
LESS FTA TRANSFER FUNDS			0		0		0		0		0		0							
REGULAR FORMULA AUTHORITY		TOTAL	182,824		185,150		187,888		188,356		219,760		186,763							